



SEQUENCE LISTING

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TECH CENTER 1600/2900

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<120> NON-ANAPHYLACTIC FORMS OF ALLERGENS AND THEIR USE

<130> 1614-251P

<140> 09/897,042

<141> 2001-07-03

<160> 21

<170> PatentIn Ver. 2.0

<210> 1

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Oligonucleotide  
Primer

<400> 1

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30

<210> 2

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<212> DNA

<213> Artificial Sequence

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Primer

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cggggtacca agttgtaggc atcggagtg

29

<210> 3

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<212> DNA

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<223> Description of Artificial Sequence:Oligonucleotide  
Primer

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28

<210> 4

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Primer

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<212> DNA

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<223> Description of Artificial Sequence:Oligonucleotide  
Primer

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Primer

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Oligonucleotide  
Primer

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<400> 8  
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<210> 9  
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<210> 10  
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<400> 10  
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<210> 11  
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 <212> DNA  
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<220>  
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 Primer

<400> 11  
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<210> 12  
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<212> DNA  
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Primer

<400> 12  
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<210> 13  
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<220>  
<221> CDS  
<222> (1)..(24)

<400> 13  
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Met Asn Leu Val Pro Met Asn  
1 5

<210> 14  
<211> 7  
<212> PRT  
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<400> 14  
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Met Asn Leu Val Pro Met Asn Pro Leu Val Met Asn Glu Phe Cys Arg  
1 5 10 15

tat cca tca cac tgg cgg ccg ctc gag cag atc cgg ctg cta aca aag 96  
Tyr Pro Ser His Trp Arg Pro Leu Glu Gln Ile Arg Leu Leu Thr Lys  
20 25 30

ccc gaa agg aag ctg agt tgg ctg ctg cca ccg ctg agc aat aac tag 144  
 Pro Glu Arg Lys Leu Ser Trp Leu Leu Pro Pro Leu Ser Asn Asn  
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 Pro Glu Arg Arg Leu Ser Trp Leu Leu Pro Pro Leu Ser Asn Asn  
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<220>  
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 <222> (1)..(51)

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<210> 18  
 <211> 16  
 <212> PRT  
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<210> 19  
 <211> 12  
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<400> 19

Gly Pro Gly Thr Ile Lys Lys Ile Ser Phe Pro Glu  
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<210> 20  
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<212> PRT  
<213> Betula sp.

<400> 20  
Thr Ile Lys Lys Ile Ser Phe Pro Glu Gly Phe Pro  
1 5 10

<210> 21  
<211> 12  
<212> PRT  
<213> Betula sp.

<400> 21  
Lys Ile Ser Phe Pro Glu Gly Phe Pro Phe Lys Tyr  
1 5 10